

TIROS, THE NATION'S FIRST TELEVISION WEATHER SATELLITE

The Tiros weather satellite, one of the most complex electronic systems yet sent into space by the United States, was subjected to extensive pre-flight testing at the Space Center of the RCA Astro-Electronic Products Division, Princeton, N.J., where the satellite and its associated ground system were designed and built.

In this photo the array of 9,200 solar cells covering the top and sides of the satellite are examined by RCA and U.S. Army Signal Corps officials associated with the project. Abraham Schnapf, left, AEP Assistant Project Manager on Tiros, points out details of cell arrangement to Herbert Butler, center, Project Manager for the U.S. Army Signal Research and Development Laboratory, and Barton Kreuzer, Manager, Marketing, of the RCA Astro-Electronic Products Division.